ATTORNEY DOCKET NO. 44481-5008-02

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

** *	112 01.12						
In re	Applicati	ion of: David PHILIPS et al.	)				
Application No.: 09/801,089			)	Group Art Unit: 1644			
Filed: March 1, 2001			)	Examiner: Not Assigned			
For:		tion of Integrin-Mediated Transduction	)				
		r for Patents D.C. 20231					
Sir:							
		AMENDMENT TR	ANSMI'	TTAL FORM			
1.	Applic dated Petition	Transmitted herewith is a response to the Notice to Comply with Requirement for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated December 6, 2001, the period for response being extended to June 6, 2002, by a Petition for a Four Month Extension of Time filed concurrently herewith.					
2.	Additi	Additional papers enclosed:					
	[X] [ ] [ ] [ ] [ ] [ ] [ X]	Preliminary Amendment Drawings: [] Formal [] Information Disclosure Statement Form PTO-1449, reference Citations Declaration of Biological Depose Submission of Sequence Listin Accompanying Sequence Listin	nt es include it g, comp ng.				
2.	Exten	sion of Time					
	The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.						
	[]	Applicant believes that no extended conditional petition is being made	sion of t de to pro	time is required. However, this ovide for the possibility that applicant has			

inadvertently overlooked the need for a petition and fee for extension of time.

[X]	Applicant petitions for an extension of time, the fees for which are set out in 37 CFR § 1.17(a), for the total number of months checked below:				
	Total Months Requested	Fee for Extension	[Fee for Small Entity]		
	[ ] one month [ ] two months [ ] three months [X] four months	\$ 110.00 \$ 400.00 \$ 920.00 <b>\$1,440.00</b> ee due with this request	\$ 55.00 \$200.00 \$460.00 \$720.00		
	Extension of time fee due with this request: \$1,440.00  If an additional extension of time is required, please consider this a Petition therefor.				
[]	An extension for months has already been secured and the fee paid therefor of \$ is deducted from the total fee due for the total months of extension now requested.				
Const	tructive Petition				
[X]	<b>EXCEPT</b> for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a <b>CONSTRUCTIVE PETITION FOR EXTENSION OF TIME</b> in accordance with 37 C.F.R. § 1.136(a)(3).				
Fee I	Payment				
[]	No fee is to be paid at this time.				
[]	Check in the amount of \$ for The Commissioner is herebauthorized to charge any additional extension of time fee or additional fee for claims due to Deposit Account No. 50-0310.				

3.

4.

[X] The Commissioner is hereby authorized to charge the <u>four</u>-month extension fee of \$1,440.00 to Deposit Account 50-0310.

Respectfully submitted,

MORGAN LEWIS & BOCKIUS LLP

Dated: June 6, 2002

By:

Reid G. Adler Reg. No. 30,988

**CUSTOMER NO. 09629** 

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PATENT Attorney Docket 44481-5008-02

# THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David PHILIPS et al.	)
Application No.: <b>09/801,089</b>	) Group Art Unit: <b>1644</b>
Filed: <b>March 8, 2001</b>	) Examiner: Not Assigned
For: Modulation of Integrin-Mediated Signal Transduction	) ) )

## **BOX SEQUENCE**

Commissioner for Patents Washington, D.C. 20231

## PRELIMINARY AMENDMENT

Sir:

Prior to examination on the merits, please amend the application as follows:

## **IN THE SPECIFICATION:**

Please replace the paragraph beginning at page 14, line 14 through page 15, line 11, with the following rewritten paragraph:

--In detail, the present invention provides six  $\beta$  subunit peptides possessing a tyrosine residue which can be phosphorylated by a cellular tyrosine kinase. The cytoplasmic domain sequences of each of the characterized  $\beta$  subunits, with the corresponding phosphorylation site identified, are:

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β1 subunit: NH-D-T-G-E-N-P-I-Y(PO<sub>3</sub>)-K-S-A-V-T-T-V-V-N-P-K-Y(PO<sub>3</sub>)-E-G-K-

COOH (SEQ ID NO. 1)

β2 subunit: NH-D-L-R-E-Y(PO<sub>3</sub>)-R-R-F-E-K-E-K-L-S-Q-W-N-N-D-N-P-L-F-K-S-A-T-

COOH (SEQ ID NO. 2)

β3 subunit: NH-D-T-A-N-N-P-L-Y(PO<sub>3</sub>)-K-E-A-T-S-T-F-T-N-I-T-Y(PO<sub>3</sub>)-R-G-T-